

INSTALLATION INSTRUCTIONS: 5120 / 5121 / 5122

Heavy Duty Lower Coil Retainers



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6609 Bronco Lane Knoxville, TN 37921

CONTENTS:

- 1 Driver side cup (Marked D)
- 1 Passenger side cup (Marked P)
- 4 7/16-14X1.25 Gr. 5 Plated Hex Bolts
- 4 7/16 Lock Washers
- 4 7/16 SAE Flat Zinc Washers

TOOL LIST:

- 9/16" wrenches and sockets
- 5/8" wrenches and sockets
- 7/32 Allen Key socket
- 3/8 Drill Bit and Drill

IMPORTANT: Read ALL directions and verify ALL parts are accounted for before continuing with this install. If you have an aftermarket axle you may need to modify the part or axle to make this fit.

This product is designed to work on Dana 30, 44 & HP44 solid front axles utilizing non-TTB style coil spring with a outside diameter of 5.5" to 5.75"

NOTE: Older Generations of heim steer (5640) will not work in TRO configuration, with #5121 coil retainers without modification.

Coil retainers are marked driver and passenger. Install with the sway bar link arms facing to the front of the Bronco as shown in Figure A

CAUTION: Make sure your frame to axle brake line has sufficient length to allow your axle to fully droop before beginning step 1. We recommend installing one side at a time from start to finish when you are just upgrading parts.

NOTE: For 5120 Install, follow steps 1-4 and 9-12. Disregard 5-8.

1. Block the rear tires, raise the front of the vehicle, remove your front wheels and tires, place jack stands under the frame so the front axle will hang by the coil springs. (You may have to remove the front bumper if you don't have room behind it for the frame stands.) Support the axle with jack stands so that the axle does not overdroop when you remove the coil springs. Disconnect your sway bar end links if equipped. If your axle will not droop enough to remove the coil springs, you may need to disconnect your shocks and loosen the radius arm nut at the frame to allow the axle to droop completely.

2. Remove one coil spring then remove your lower coil retainer.

Note: If you already have a Hellwig sway bar installed, remove the lower sway bar link plate. It is no longer needed.

3. Follow Figure B to properly install the new Dual Sport lower coil retainer on the axle with the supplied hardware. There is a D & P cut into the plate. D is for Driver side and P is for passenger side.

4. Reinstall your coil spring and your shock. Then tighten your radius arm nut if you had to loosen it. Torque the radius arm nut to 150 foot pounds. Repeat steps 2 & 3 for the other side.

5. If you have not installed your Hellwig sway bar, do this now. Be sure to remove the frame stands and put the front axle on jack stands with the Bronco level and keep the wheels off. Follow the instructions provided in your Hellwig box. Do NOT install the lower link plate Hellwig provides. If you already have a sway bar installed, move on to step 6.

6. Install optional quick disconnect brackets in the inner fender well, see Figure C. Swing the sway bar link up so that it is pointing to the inner fender. Find a place to locate your bent bracket so that it and the link will easily connect and be out of the way while off-roading. You also need to make sure that there is nothing on the other side of the innerfender that you will contact when you drill through. Install the bracket on both sides. You may need a helper to get the bracket bolt installed.

7. If you purchased a quick disconnect link from Hellwig, move on to step 7. If you have the standard end links, remove the sleeve from the lower end. The 5/8 bolts (or quick disconnect pin) will take its place.

8. Following the Hellwig instructions, make sure your Bronco is at ride height and set the sway bar main assembly level with the ground as shown in Figure D. Install the sway bar link, the end with the bushing sleeve you removed will locate in between the mounts on the lower coil spring retainer. Use the provided 5/8" bolts (or quick disconnect pin and retaining lynch pin)

9. Reinstall your wheels and lug nuts, do not torque your lug



#5121

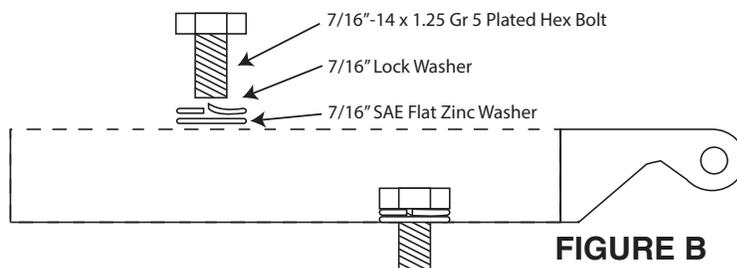
FIGURE A



#5120/5122

FRONT OF BRONCO

FIGURE B

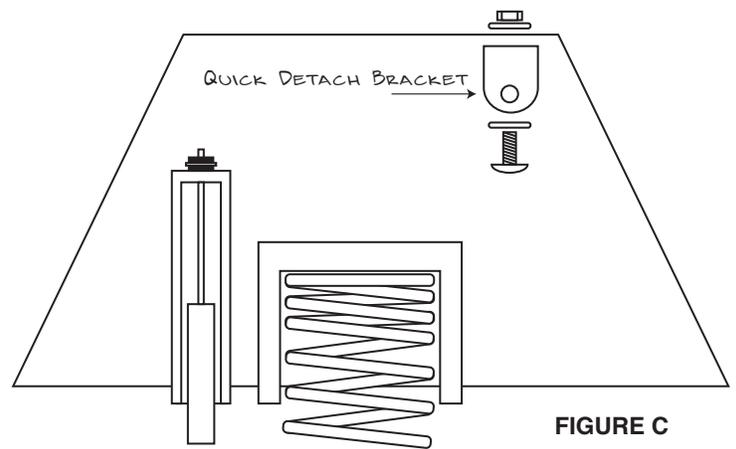


nuts yet.

10. Raise the front of the Bronco and remove all jack stands, set the front end back on the ground.

11. Torque the wheels lug nuts to 105 foot pounds

12. Test drive. Check all hardware after 100 miles or your first off-road excursion.



This hole moves the coil cup about 1/2" wider for coil alignment & frame clearance on a HP-D44

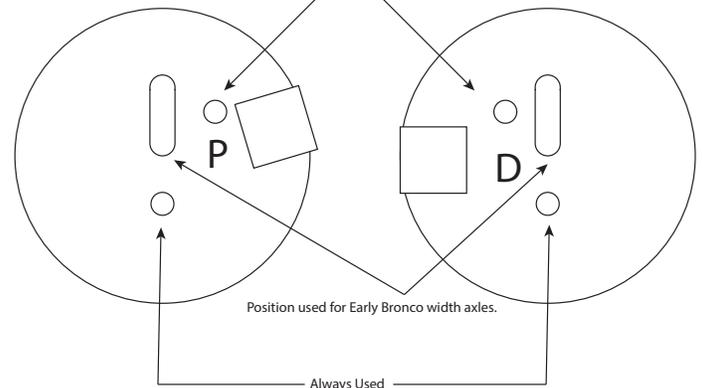
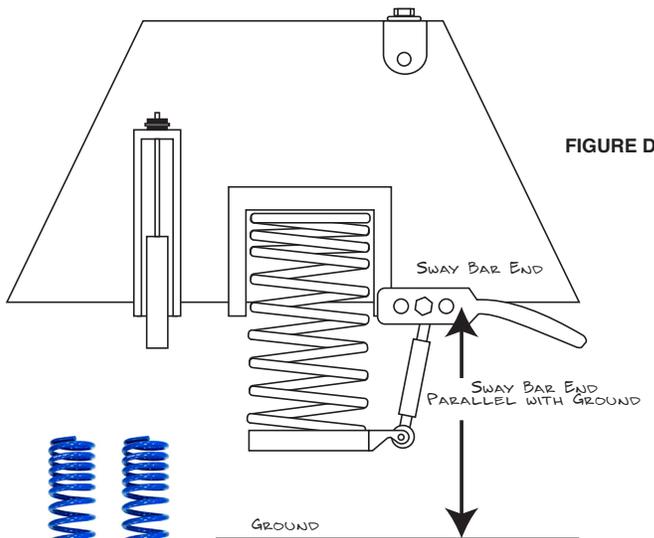


FIGURE E



#5106 Early Bronco Progressive Coil Springs

#5314 Early Bronco Hellwig Sway Bar

#5100 Upper Coil Retainer Tabs

#5642 Early Bronco Heim Steering

#5417 Early Bronco Hassle Free Track Bar

#5136 78-96 Bronco Coil Springs

#5127 Quick Disconnect Pins

LIMITED WARRANTY

#5646 '78-'96 Bronco Heim Steer

#5408 '78-'96 Bronco Track Bar

James Duff Inc. warrants our products to the original purchaser to be free from defects in materials and workmanship. Warranty periods begin at the date of purchase and varies by product. Shocks have a limited lifetime warranty. Headers, Radiators, Suspension Products, Power Brake Boosters and Master Cylinders have a one year warranty. Adapters and soft goods such as upholstery, vinyl and rubber products have a 90 day warranty. All warranties are to the original purchaser with proof of purchase only. Such obligations under this warranty shall be limited to the repair or replacement, at JDI's discretion, of any assembly or part which upon examination by JDI proves to be defective. Any costs of removal, installation, reinstallation or freight charges are expressly excluded from this warranty. This warranty covers only manufacturers defects, and does not cover product finish or damage resulting from abuse, misuse, negligence, racing, alteration, accident or damage in transit.

All returns must be pre-authorized by JDEI and accompanied with a Return Goods Authorization Number (RGA) and a dated proof of purchase. Returns must be made within 90 days of purchase, packaged sufficiently to prevent damage in shipment and shipped prepaid to: JDI, 6609 Bronco Lane, Knoxville, TN 37921 Returns without an RGA# or sent COD will be refused.

This warranty is expressly in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for use. This warranty gives you specific legal rights including other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion of limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you.

SUSPENSION PRODUCT INFORMATION

Modifying your vehicle with JDI products to improve off road performance may result in the vehicle handling differently than a factory equipped vehicle. Taller tires will cause the vehicle's speedometer to read slow, so recalibration is required. Use of oversize tires, suspension lifts, body lifts, and other modifications may raise your vehicle's center of gravity, resulting in an increased tendency for the vehicle to pitch and roll during sudden turns or abrupt maneuvering. Failure to drive with extreme care to prevent loss of control or vehicle roll over may result in injury or death. Drive at a reduced speed to ensure your ability to maintain control of the vehicle under all driving conditions. We recommend installing functional roll bars and cages as well as double shocking all vehicles for more safety and stability on or off road. Always wear seat belts when in a vehicle. Consult your owners manual for recommended tire sizes, safety instruction and warnings unique to your vehicle. It is your responsibility to check state and local laws restricting vehicle height to ensure that modifications to your vehicle are legal.